

NPIC/R-89/65 April 1965

PHOTOGRAPHIC INTERPRETATION REPORT

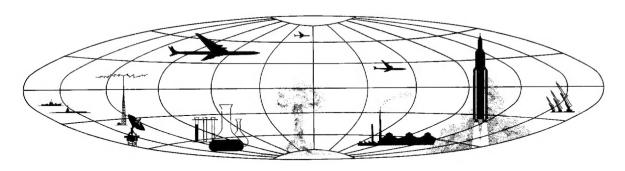
# IPIR GOLDEN TREE MISSION 3998 5 APRIL 1965

#### **Declassification by NIMA/DoD**





NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP I
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#### WARNING

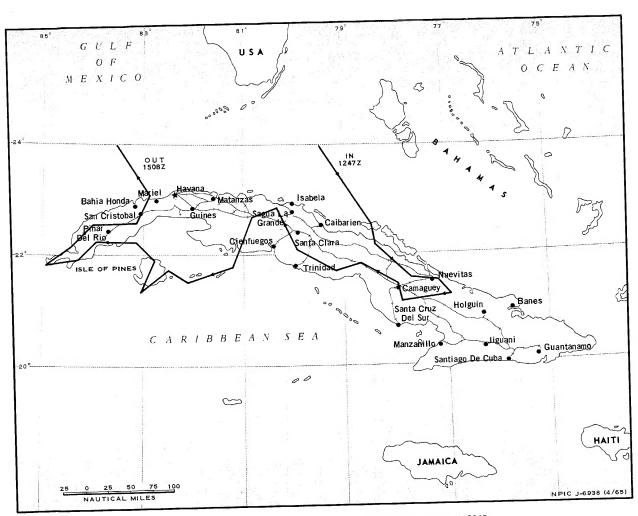
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R-89/65

#### PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3998, DATED 5 APRIL 65. THE NUMBER APPEARING AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).



APPROXIMATE TRACK OF GOLDEN TREE MISSION 3998, 5 APRIL 1965.

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#### MISSILES

25X1A

SIGUANEA SAM SITE

CU 2137N Ø8257W

SIX REVETTED LAUNCHERS (1 PROBABLY WITH MISSILE), 6
MISSILE TRANSPORTERS, AT LEAST 11 VEHICLES, AND AN
OCCUPIED GUIDANCE AREA.
AREA SSE -- 8 TRACKED PRIME MOVERS, 4 PROBABLE CARGO
TRUCKS, 2 PROBABLE VAN TRUCKS, AND 6 OTHER VEHICLES.

25X1D

25X1A

CIFUENTES SAM ASSEMBLY AREA

CU 2236N Ø8ØØ5W

FIFTEEN MISSILE TRANSPORTERS. 11 OTHER VEHICLES AND NUMEROUS MISSILE CANISTERS OBSERVED. THE TWO 3-GUN LIGHT AAA SITES REMAIN OCCUPIED. FOLIAGE LIMITS INTERPRETATION.

25X1D

25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA CU 2104N 07700W

TWENTY-SIX MISSILE TRANSPORTERS (7 CANVAS-COVERED, 2 WITHOUT PRIME MOVERS), 5 FLATBED TRACTOR-TRAILER TRUCKS (1 WITHOUT PRIME MOVER), 8 CARGO TRUCKS, 3 VAN TRUCKS, 2 TRUCK MOUNTED CRANES, 2 PROBABLE UTILITY TRUCKS, AND NUMEROUS MISSILE CANISTERS OBSERVED. THE TWO 3-GUN LIGHT AAA SITES REMAIN OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

CAMAGUEY AIRFIELD SAM SITE

CU 2122N Ø775ØW

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 7 MISSILE TRANSPORTERS (3 CANVAS-COVERED, 1 WITH MISSILE EXPOSED), 11 TRACKED PRIME MOVERS, 4 PROBABLE TRUCK-TRACTORS, 4 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS. THREE ADDITIONAL LAUNCHERS, 6 VAN TRUCKS, 4 VAN TRAILERS, AND 2 OTHER VEHICLES REMAIN ADJACENT TO RING ROAD. THE 6-GUN LIGHT AAA SITE REMAINS OCCUPIED.

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25X1D

25X1A

MAJANA SAM SITE

CU 2241N Ø8249W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 6 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 9 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND ASSOCIATED EQUIPMENT OBSERVED.

THE TWO 6-GUN AAA SITES (1 LIGHT AND 1 MEDIUM) REMAIN OCCUPIED.

NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SANTA CLARA SAM SITE

CU 2229N Ø8ØØØW

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 4 MISSILE TRANSPORTERS, AND 15 VEHICLES OBSERVED. BOTH 3-GUN MEDIUM AAA SITES APPEAR OCCUPIED. CLOUD SHADOW PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

NUEVITAS SAM SITE 2

CU 2132N 07717W

SITE ABANDONED.

25X1D

CU: 2300N 08248W

MARIEL SAM SITE 2

SIX UNREVETTED LAUNCHERS (6 WITH MISSILES), 3 MISSILE TRANSPORTERS, 9 TRACKED PRIME MOVERS, 1 CARGO TRUCK AND 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRUCKS, AND 3 VAN TRAILERS OBSERVED.

THE 6-GUN MEDIUM AAA SITE REMAINS OCCUPIED.
NO APPARENT CHANGE IN FACILITIES.

R-89/65 25X1A

SAN DIEGO DEL VALLE SAM SITE

CU 2232N Ø8ØØ3W

SIX UNREVETTED LAUNCHERS (1 WITH MISSILE), 7 MISSILE TRANSPORTERS (1 ADJACENT TO LAUNCHER), 9 PROBABLE TRACKED PRIME MOVERS, 4 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 2 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT. THE 3-GUN MEDIUM AAA SITE IS OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

RANCHUELO SAM SITE

CU 2223N Ø8Ø1ØW

SIX UNREVETTED LAUNCHERS (4 WITH MISSILES), 7 MISSILE TRANSPORTERS, 13 TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 4 VAN TRUCKS, 1 UTILITY TRUCK, 1 PROBABLE TRUCK-MOUNTED CRANE AND A GUIDANCE AREA WITH RADAR, 6 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT. THE TWO 3-GUN MEDIUM AAA SITES REMAIN OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

ALQUIZAR SAM SITE

CU 2249N Ø8238W

SIX UNREVETTED PROBABLE LAUNCHERS, AT LEAST 5 MISSILE TRANSPORTERS, AT LEAST 14 OTHER VEHICLES/PIECES OF EQUIPMENT, AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

CU 2137N Ø8258W

SIGUANEA CRUISE-MISSILE SITE

TWO CANVAS-COVERED REVETTED LAUNCHERS, 4 POSSIBLE MISSILE TRANSPORTERS, 8 CRUISE-MISSILE CRATES, AND AT LEAST 9 UNIDENTIFIED VEHICLES OBSERVED. SCATTERED CLOUDS AND CLOUD SHADOW LIMIT INTERPRETATION.

R-89/65 25X1A

25X1A

GUANAJAY CRUISE-MISSILE SITE

CU 2256N Ø8239W

TWO UNREVETTED PROBABLE LAUNCHERS, AT LEAST 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND NUMEROUS UNIDENTIFIED VEHICLES OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

AIR FACILITIES

CU 2229N Ø7955W

CAMILO CIENFUEGOS AIRFIELD

AIRCRAFT -- 19 FAGOT/FRESCO AND 5 HOUND.

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

25X1D

SIGUANEA AIRFIELD

CU 2138N Ø8257W

NO AIRCRAFT OBSERVED.

25X1D

SAN JULIAN AIRFIELD

AIRCRAFT -- 14 FAGOT/FRESCO, 26 ZLIN TRENER, 4 LIAISON,

AND 1 HOUND.

25X1D

25X1A

PLAYA BARACOA AIRFIELD

CU 23Ø2N Ø8234W

AIRCRAFT -- 1 CRATE, 1 C-47, AND 14 PROBABLE HOUND 15 WITHOUT ROTORS).

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25X1A

COLONEL MARTIN MARRERRO AIRFIELD

CU 215ØN Ø8246W

AIRCRAFT -- NONE OBSERVED.

THE OCCUPANCY OF THE AAA SITE CANNOT BE DETERMINED.

SIX PROBABLE AAA PIECES OBSERVED NORTH OF THE

OPERATIONS BUILDING.

25X1D

JAIME GONZALES AIRFIELD

CU 2209N 08024W

NO AIRCRAFT OBSERVED.

25X1D

PINAR DEL RIO AIRFIELD

CU 2225N Ø834ØW

AIRCRAFT -- 3 COLT, 1 LIAISON AND 2 HOUND.

25X1D

#### NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION CU 2259N Ø8244W

VESSELS -- 3 PROBABLE KRONSHTADT-CLASS PC, 6 S.O.1-CLASS SC (1 IN DRYDOCK), 4 KOMAR-CLASS PTG, AND 1 LARGE FREIGHTER.

25X1D

CABANAS NAVAL BASE

CU 2258N Ø8258W

VESSELS -- 5 KOMAR-CLASS PTG, 4 P-4 MTB, AND 5 YP.

NO APPARENT CHANGE IN FACILITIES IN AREAS 2-6.

AREA 1 -- 10 PROBABLE BARRACKS, 2 PROBABLE VEHICLE

MAINTENANCE SHEDS, 2 SUPPORT BUILDINGS, 2 GREASE RACKS,

AND AN OBSTACLE COURSE. TWENTY CARGO TRUCKS, AT LEAST

10 OTHER VEHICLES AND 6 UNIDENTIFIED PIECES OF

EQUIPMENT OBSERVED. TWO OCCUPIED 3-GUN LIGHT AAA SITES

OBSERVED AT UTM 17QKR973429 AND 976429.

AREA 2 -- NO VEHICLES OR EQUIPMENT OBSERVED.

AREA 3 -- 8 UNIDENTIFIED VEHICLES AND 22 UNIDENTIFIED

CRATES.

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25X1A

AREA 4 -- NO VEHICLES OR EQUIPMENT OBSERVED.

AREA 5 -- 2 UTILITY TRUCKS, 4 UNIDENTIFIED PIECES OF EQUIPMENT, AN OCCUPIED 6-GUN MEDIUM AAA SITE OBSERVED AT UTM 17QKR971426 (PREVIOUSLY REPORTED UNDER CABANAS SAM SITE).

AREA 6 -- NO VEHICLES OR EQUIPMENT OBSERVED. PRINCIPAL PIER -- 2 UNIDENTIFIED VEHICLES. (AMS SERIES E723, SHEET 3684-IV, 2D ED).

25X1D

SIGUANEA NAVAL BASE

CU 2136N Ø8258W

VESSELS -- 2 YP.

25X1D

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

VESSELS -- 1 POSSIBLE KRONSHTADT-CLASS PC. 1 POSSIBLE PCE. 3 LARGE FREIGHTERS, AND 1 SMALL FREIGHTER.

25X1D

NUEVITAS PORT

CU 2132N 07715W

VESSELS -- 2 LARGE FREIGHTERS AND 1 LARGE TANKER.

25X1D

NUEVA GERONA PORT

CU 2153N Ø8248W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

LA ISABELA PORT

CU 2256N Ø8ØØØW

TWO LARGE VESSELS.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

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25X1A

CASILDA PORT

NO LARGE VESSELS OBSERVED.

25X1D

JUCARO PORT

CU 2137N Ø7851W

CU 2145N Ø7959W

NO LARGE VESSELS OBSERVED.

25X1D

BAHIA HONDA PORT

CU 2255N Ø831ØW

NO LARGE VESSELS OBSERVED.

25X1D

#### ELECTRONICS/COMMUNICATIONS

25X1A

CAMAGUEY EW/GCI RADAR SITE

CU 2121N Ø7751W

NO APPARENT CHANGE IN FACILITIES.

ONE BAR LOCK, 1 PROBABLE STONE CAKE, AND 1 TOKEN RADAR,
4 VAN TRUCKS AND 3 VAN TRAILERS OBSERVED.

25X1D

SAGUA LA GRANDE EW/GCI RADAR SITE

CU 225ØN Ø8ØØ5W

SITE APPEARS ABANDONED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

CIEGO DE AVILA EW/GCI RDR SITE LA GRANJA CU 2152N Ø7846W

ONE POSSIBLE FLAT FACE AND 1 PROBABLE KNIFE REST RADAR AND 6 PROBABLE VAN TRUCKS OBSERVED.

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SAN JULIAN EW/GCI RADAR SITE

CU 2206N 08409W

ONE BAR LOCK, 1 PROBABLE STONE CAKE, AND 1 PROBABLE. FLAT FACE RADAR, 8 CARGO TRUCKS, 4 VAN TRUCKS, 4 VAN TRAILERS AND 4 MEDIUM NON-SOVIET TENTS OBSERVED.

25X1D

SAGUA LA GRANDE EWZGCI RADAR SITE 2 CU 2248N Ø8ØØ6W

2.4 NM WSW OF SAGUA LA GRANDE AT 22-48-40N 080-06-50W (UTM:17QNR9Ø92Ø9). AN UNSECURED SITE ON LOMAS DE JAMAQUA CONTAINS 4 PROBABLE BARRACKS, 2 LARGE NON-SOVIET TENTS, 1 SMALL SHED, AND I PROBABLE BAR LOCK RADAR. TEN PROBABLE VAN TRUCKS OBSERVED. (AMS SERIES E723, SHEET 4184-II, 1ST ED).

25X1D

MILITARY ACTIVITY

ARTEMISA MILITARY CAMP

CU 2250N 08248W

NO APPARENT CHANGE IN FACILITIES. AT LEAST 6 TANKS/SP GUNS, 64 CARGO TRUCKS, 7 VAN TRUCKS, 3 UTILITY TRUCKS, 16 FA PIECES, 6 AAA PIECES, 14 MORTARS, AND 30 OTHER VEHICLES OBSERVED.

25X1D

MARIEL MILITARY CAMP LOMA GOBERNADORA

CU 2256N Ø8251W

NO APPARENT CHANGE IN FACILITIES. NINE CARGO TRUCKS OBSERVED.

25X1D

SANTA CLARA AREA MILITARY ACTIVITY

2220N 07957W:

TWENTY-FOUR VEHICLES OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

CU



25X1A

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25X1A

25X1A

CAMAGUEY MILITARY CAMP

CU 2126N Ø7753W

NO APPARENT CHANGE IN FACILITIES.
FIFTY-THREE CARGO TRUCKS OBSERVED.
FIVE POSITIONS OF THE 6-GUN AAA SITE REMAIN OCCUPIED.
SCATTERED CLOUDS LIMIT INTERPRETATION.

25X1D

GUANE MILITARY CAMP

CU 2212N Ø84Ø8W

NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

TRINIDAD AREA POSS MIL HEADQUARTERS

CU 215ØN Ø7953W

NO APPARENT CHANGE IN FACILITIES.
THIRTY-FOUR CARGO TRUCKS AND 15 FA PIECES.

25X1D

GUANAJAY MILITARY CAMP MARTIN MESA

CU 2257N Ø8243W

NO APPARENT CHANGE IN FACILITIES.

AT LEAST 12 TANKS/SP GUNS, AT LEAST 8 CARGO TRUCKS AND 20 OTHER VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

OBLIQUITY LIMITS INTERPRETATION.

25X1D

SAN DIEGO DE NUNEZ MILITARY CAMP

CU 2254N Ø83Ø5W

NO APPARENT CHANGE IN FACILITIES. AT LEAST 16 TANKS/SP GUNS AND 16 CARGO TRUCKS OBSERVED.

25X1D

MINAS MILITARY CAMP

CU 2127N Ø7734W

NO APPARENT CHANGE IN FACILITIES.

SEVEN TANKS/SP GUNS, 10 CARGO TRUCKS, 1 PROBABLE VAN

TRUCK, 4 OTHER VEHICLES. AND 4 UNIDENTIFIED PIECES OF

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25X1A

EQUIPMENT OBSERVED.

25X1D

SANTA CLARA AREA ARTILLERY TRAINING AREA CU 2222N Ø8ØØØW

AREA 1 -- 14 CARGO TRUCKS, 2 POSSIBLE UTILITY TRUCKS, 3 PROBABLE CARGO TRAILERS, 5 FA PIECES, 9 OTHER VEHICLES, AND AT LEAST 4 UNIDENTIFIED PIECES OF EQUIPMENT. AREA 2 -- 7 CARGO TRUCKS AND 6 OTHER VEHICLES. AREA 3 -- 14 CARGO TRUCKS. AREA 4 -- 17 TANKS/SP GUNS, 7 CARGO TRUCKS, AND 3 OTHER **VEHICLES**。

25X1D

SANTA FE MILITARY AREA

CU 2144N Ø8247W

NO APPARENT CHANGE IN FACILITIES IN ALL AREAS. MAIN CAMP -- 17 CARGO TRUCKS AND 13 FA PIECES OBSERVED. CAMP 1.5 NM WNW -- 8 CARGO TRUCKS AND 6 PROBABLE AAA PIECES OBSERVED. CAMP 4.8 NM NW -- 11 CARGO TRUCKS AND 9 OTHER UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED. THE 6-GUN PROBABLE LIGHT AAA SITE IS UNOCCUPIED.

25X1D

HEREDIA MILITARY CAMP

CU 2134N Ø78ØØW

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. TWENTY-ONE TANKS/SP GUNS AND 9 CARGO TRUCKS. CAMP 0.5 NM NE -- NO APPARENT CHANGE IN FACILITIES. TWENTY-ONE CARGO TRUCKS.

25X1D

PUERTO PADRE MILITARY AREA

NO APPARENT CHANGE IN FACILITIES. NO TRUCKS OR OTHER VEHICLES OBSERVED THROUGH SCATTERED CLOUDS OR IN CLOUD SHADOW.

25X1D

CU 2111N Ø7639W



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CORRALILLO MILITARY AREA

CU 23Ø1N Ø8Ø38W

NO APPARENT CHANGE IN FACILITIES.

RANGE AREA -- NO ACTIVITY OBSERVED.

SUPPORT AREA -- 3 PROBABLE BROM APC.

- 25X1D

SPECIAL AREA OHIO

CU 23Ø1N Ø8239W

THE PREVIOUSLY REPORTED MILITARY ACTIVITY IS NO LONGER OBSERVED.

25X1D

PLAYA COLOMBO LANDING BEACH

CU 2154N Ø8246W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

PLAYA DE FLAMENCOS LANDING BEACH

CU 2153N Ø8243W

NO NEW ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

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## -STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE-

25X1A

SAN CRISTOBAL MRBM SITE 3 GUANAJAY IRBM SITE 1 SAN CRISTOBAL MRBM SITE 4 GUANAJAY IRBM SITE 2 CABANAS LOW-SIEVE RADAR SITE CABO SAN ANTONIO LOW-SIEVE RADAR SITE SPECIAL AREA VERMONT SPECIAL AREA OREGON	2242N Ø83Ø8W 2257N Ø8239W 2246N Ø8258W 2257N Ø8237W 2259N Ø8259W 2152N Ø8457W 23Ø1N Ø8248W
SPECIAL AREA OREGON	2259N Ø8244W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A

2307N Ø8117W
2307N Ø8117W 2252N Ø8230W
2302N 08111W
23Ø7N Ø8117W
2229N 07954W
2229N Ø7956W 2252N Ø823ØW
2258N 08311W
2252N Ø823ØW 2258N Ø8311W 23Ø9N Ø8221W 2312N Ø81Ø8W 22Ø2N Ø8025W 2252N Ø8233W 2252N Ø8124W 2142N Ø8249W 22Ø9N Ø8Ø35W 2254N Ø8121W 2211N Ø8Ø36W
2312N Ø81Ø9W
2202N 00000
2252N 00025W
225EN 00233W
2233N 88124W
2142N 08249W
2209N 08035W
2254N Ø8121W
2211N Ø8Ø36W
2211N Ø8Ø36W 2258N Ø8Ø59W 2254N Ø8237W
2224N Ø7952W
2254N Ø8232W
2255N Ø8242W
2308N 08118W
2202N 08036W
2202N 08025W